

POST & BID POSITION ANNOUNCEMENT Bargaining Units 1, 4 and 11

1. Reference #: 06-2-159
2. Position Number: 906-350-1375-_____
3. Date of Posting: January 18, 2012
4. Classification: Transportation Engineering Technician
5. Salary Range: \$3,262 - \$4,766
7. Pay Differentials That Apply To Position: May Apply
8. Working Hours Of Position: Standard 5/40
8. District/Division: District 6 Section: Office of Traffic Electrical – Census Geographic Location: **FRESNO**
9. (If selected and the position requires a relocation, the Department will NOT provide relocation assistance.)
10. *Determination for relocation will be made by Hiring Supervisor.*

11. Specific Qualifications and Requisite Skills Required: (Attach a separate sheet if additional space is needed.)

Minimum Qualifications per the Classification Specifications (BU1 & 4 only) (Education and or Experience):

Incumbent is expected to have some knowledge of departmental operations, traffic engineering principles, traffic operational analysis, and computer principles. Ability to analyze traffic situations accurately, evaluate solutions, make effective recommendations, and translate them into written reports. An operating knowledge of the various traffic information systems and devices and how they relate to the motoring public. A working knowledge of traffic controls used by maintenance and construction for planned and emergency closures.

A. Technical & Professional Skills & Abilities:

Set out and collect temporary portable traffic counter equipment to collect data from various locations throughout the district. Place traffic hoses across live traffic lanes to perform traffic counts. Program traffic counters in various configurations to perform traffic counts in multiple lanes scenarios. Understand traffic patterns to acquire consistent and quality traffic data. Setup traffic monitoring sites. Inspect and maintain equipment used in the traffic monitoring station cabinets. Maintain records and process collected data using laptop/workstation computer. Process census data for input into statewide database. Assist in the coordination and compilation of total vehicle/truck counts for the statewide count data publication. Review and edit collected data. Perform maintenance and repairs to traffic counter equipment, including hoses, loop detector wiring, modem cables, and low voltage wiring. Coordinate with electrical maintenance to make major repairs to traffic monitoring station cabinets. Assist lead person to initiate projects that will repair or upgrade Census stations. Assist in the preparation of design plans, specifications and estimates (PS&E) using standard drafting and computer aided design techniques. Assist Electrical Design Division to determine new and modified Census locations. Maintain inventory of traffic counters. Recommend and prepare request for new counters as needed. Coordinate with Construction Division and Electrical Maintenance Division to maintain all Census locations.

B. License and/or Certification Requirements:

Physical Abilities to Perform Essential Functions:

Physical requirements for this position include driving for long periods of time, climbing steep inclines, requires kneeling and/or bending, and stooping; Sitting for long periods of time using a computer terminal. Must be able to carry up to 40 lbs over unstable surfaces and slopes. Other requirements for this position include the ability to multi-task, adapt to changes in priorities, and complete tasks or projects with short notice; ability to organize and prioritize large volumes of varied documents; and the ability to concentrate in order to review and create documents and meet strict deadlines.

Other Departmental Requirements: Must have the ability to effectively use laptops and/or PC's and various software programs commonly used by the Department. Must be able to use analog or digital VOM (volt-ohm-ampere) meter, insulation resistance tester, inductive loop tester and other electronic devices. Ability to respond to inquiries regarding traffic volumes and counting procedures; coordinate with adjacent Districts for shared control station data or information; and communicate with Headquarters Census personnel, cities and counties, private engineering firms, general public, Planning, Design Departments, and Traffic Operations offices. Ability to analyze routine traffic situations and make internal recommendations; make mathematical calculations; communicate effectively with the public, and various governmental agency representatives. Assist electrical designers in developing contract specifications for capital projects. Communicate with outside vendors to solicit technical information for Census equipment. Knowledge of District functions, policies, procedures and operations. The ability to work independently, learn quickly, analyze situations, and communicate tactfully and effectively with a variety of people with different backgrounds, experiences and attitudes.

D.

10. Final Date and Time for Receiving Bid: **February 8, 2012; by 5PM COB**

11. Where to Obtain Bid Form: <http://www.dot.ca.gov/hq/jobs/postandbid/postandbidmain.htm>

11. Submit Bid to:

Name: Jacklyn Fronk – District 6 Office of Budgets

Address: 2015 East Shields Avenue, Suite 100 Fresno, CA 93726

Telephone Number: 559-243-8023

FAX Number:

E-mail Address: Jacklyn_Fronk@dot.ca.gov

12. Window period employee must be available for contact (Unit 1&4 Only): From: To:

(If selected, you must report in no less than 14 calendar days unless agreed otherwise by current and hiring supervisor and start date must be within 30 calendar days.)

13. Expected Reporting Date To Position (Unit 11 Only): **no later than February 20, 2012**

(If selected, you must report on the reporting date above unless agreed otherwise by current and hiring supervisor.)